REMARKS

Applicant acknowledges that the examiner has allowed claims 1-12. Claims 13-16 have been cancelled by restriction requirement.

With respect to claims 2-5, 7-9 and 11-12 the examiner withdrew the restriction, reinstated such claims and allowed them as being species from generic allowed claim 1. Applicant makes amendments to claims 1, 3, 4, 7-9, and 12 so as to conform to the examiners amendment, antecedent basis, and clarification, and not for purposes of limiting them or to overcome any references in the art. Support for changes to claim 12 can be found for vertical cavity laser (VCL) at page 14, and for semiconductor optical amplifier (SOA) at pages 1, 2 and in the claims.

As a result, claims 1-12 are allowed and the listing of claims resubmitted by this Amendment C. For the foregoing reason, applicant believes claims I through 12 are in condition for issuance and publication, which is respectfully requested. Applicant's attorney should be contacted for any additional information.

> Respectfully submitted, INTELLECTUAL PROPERTY ADVISORS, LLC

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